OSMANIA UNIVERSITY

HYDERABAD, DECCAN

HANDBOOK

1940-41

BANGALORE CITY:
PRINTED AT THE BANGALORE PRESS, MYSORE ROAD
1940

2266 40

UNIVERSAL
LIBRARY
OU_172135
UNIVERSAL
LIBRARY

Osmania University

Introductory

The Osmania University which was established by a Charter in 1918 is the first attempt in India to impart University Education through an Indian language, English being a compulsory second language. For over half a century, higher education in the State was controlled by the Madras University, but the results were so discouraging that in 1917, the Right Honourable Sir Akbar Hydari, KT., P.C., B.A., LL.D., D.C.L. (Nawab Hydar Nawaz Jung Bahadur), then Secretary to His Exalted Highness' Government in the Educational Department, submitted a Memorandum to His Exalted Highness in which, after surveying the existing conditions and discussing the disadvantages of imparting knowledge through the medium of a foreign language, he recommended the inauguration of a University which should be both an examining and a teaching body and in addition to this should undertake to compile and translate books, using the Urdu language as the medium of instruction and examination. The standard of compulsory English is nearly the same as in other Universities, and enables the alumni of the Osmania University to keep in touch with the currents of thought in the English-speaking world and prevents them from being confined to the publications of the University. An important feature of the University is the Bureau of Translation with a large staff of qualified translators. The work attempted by the Bureau embraces the whole range of University studies including History, Geography, Philosophy, Economics, Mathematics, Physics, Chemistry, Botany, Zoology, Pedagogics, Law, Medicine, Engineering and Geology. All the books required for the Intermediate, B.A. and LL.B. Examinations have been translated and published. The Bureau is now actively engaged in the translation and publication of books required for the Faculties of Medicine and Engineering, and for Post-Graduate Studies in Arts and Science.

Constitution of the University

The constitution differs in some respects from that of the older Indian Universities. The Council is the highest governing body of the University, and practically performs most of

the functions of the Government in British Indian Universities. The Senate has the entire charge of the organization of instruction in the University, the constituent colleges, the curricula of the examinations, etc., and consists of not less than 40 and not more than 70 members. The Syndicate is the business Committee of the Senate and consists of not less than five and not more than seven members of the Senate. The Faculties which consist mainly of the Professorial staff are the Academical Committees of the Senate entrusted with the framing of the curricula and arranging for examinations and other matters.

Character of the University

The University is of the unitary type. There are four institutions at Hyderabad, Aurangabad, Warangal and Gulbarga which are allowed to prepare and present candidates for the Intermediate Examination of the University besides the Women's College which has Intermediate, B.A., B.Sc., M.A., and M.Sc. classes. A College of Medicine was opened in July 1927, and an Engineering College and a College for the training of teachers in 1929.

Officers and Staff of the University

Patron

His Exalted Highness Lieutenant-General, Sipah Salar, Asifjah, Muzaffar-ul-Mulk Wal Mamalik, Nizam-ul-Mulk, Nizaum-ud-Daulah, Nawab Sir Mir Osman Ali Khan Bahadur, Fateh Jung, Faithful Ally of the British Government, G.C.S.I., G.B.E., Nizam of Hyderabad and Berar, *Sultan-ul-Ulum.*

Chancellor

The Right Honourable Sir Akbar Hydari (Nawab Hydar Nawaz Jung Bahadur), Kt., P.C., B.A., LL.D., D.C.L.

Vice-Chancellor

The Hon'ble Nawab Mahdi Yar Jung Bahadur, M.A. (Oxon.).

Pro-Vice-Chancellor

Qazi Mohamad Husain, Esq., B.A., LL.B. (Cantab.) (*Offg.*).

Representative on the Inter-University Board

The Right Honourable Sir Akbar Hydari (Nawab Hydar Nawaz Jung Bahadur), Kt., P.C., B.A., LL.D., D.C.L.

THE COUNCIL

(*Ex-officio*)

The Chancellor.

The Vice-Chancellor.

The Pro-Vice-Chancellor.

The Finance Member, Executive Council.

The Member for Religious Affairs, Executive Council (The Hon'ble Mr. Syed Abdul Aziz).

The Secretary, Educational Department (Syed Mohiuddin, Esq., B.A., Bar-at-Law).

The Director of Public Instruction [Syed Md. Husain Jafari, Esq., B.A. (Oxon.)].

The Principal, Medical College [Dr. Brij Mohan Lal, B.A. (Mad.), M.B.B.S. (Bom.), M.Sc. (Lond.)].

The Principal, Engineering College [Hasan Latif, Esq., C.E. (King's College, London)].

The Principal, Women's College (Dr. A. Pope, M.A., D.Litt.).

Appointed by Government

The Hon'ble Raja Dharam Karan Bahadur, H.C.S., Member, P.W.D., Executive Council.

Nawab Mirza Yar Jung Bahadur, President, Judicial Committee.

R. M. Crofton, Esq., I.C.S., Director-General and Secretary to Government, Revenue Department.

M. Liakatulla Khan, Esq., H.C.S., Financial Secretary.

Nawab Jiwan Yar Jung Bahadur, Chief Justice.

Dr. H. Hyder Ali Khan, L.M. & S. (Bom.), F.R.C.S., Director, Medical and Sanitation Departments.

THE SYNDICATE

Qazi Mohamad Husain, Esq., B.A., LL.B. (Cantab.).

Hosain Ali Khan, Esq., B.A. (Oxon.), Bar-at-Law.

Hasan Latif, Esq., C.E.

Dr. Brij Mohan Lal, M.B.B.S., M.Sc. (Lond.).

Syed Muhammad Azam, Esq., M.A., B.Sc. (Cantab.).

Syed Muhd. Husain Jafari, Esq., B.A. (Oxon.).

Dr. Amina Pope, M.A., D.Litt.

Registrar

Dr. Syed Husain, M.Sc., Ph.D. (London).

Osmania University College

Botany .. Mr. M. Sayeeduddin, B.Sc. (Bom.), M.A. (Edin.), Professor; Mr. Abdul Bari, M.Sc. (Bom.), Mr. A. Salam, M.Sc., Lecturers.

Chemistry .. Dr. Muzaffaruddin Qureshi, M.Sc.; (Punjab), Ph.D. (Berlin), Mr. Mahmud Ahmed Khan, B.Sc. (Alld.), Professors; Dr. Nazeer Ahmed Tahir, M.Sc., Ph.D. (Lond.), Reader; Mr. Illundul Sita Ram Rao, M.Sc. (Dacca), Mr. Khalilur Rahman, M.Sc., Mr. Syed Shah Muhammad, M.Sc., Mr. Sharfuddin, M.Sc. (Alig.), Lecturers.

Economics .. Mr. Habibur Rahman, M.A., LL.B. (Alld.), B.Sc. (Hons.) (Lond.), Professor in charge (*on deputation*), Dr. A. I. Qureshi, M.Sc. (Lond.), Ph.D. (T.C.D.) (*Offg.*); Mr. M. A. Qadir, B.Sc. (Hons.) (Lond.), Mr. Akhtar Hussain, M.A., LL.B., L.T., (Alld.), Lecturers; Mr. M. Nasir Ali, Junior Lecturer.

English .. Mr. Hosain Ali Khan, B.A. (Oxon.), Bar-at-Law, Mr. F. J. A. Harding, B.A. (Oxon.), Mr. T. Virabhadrudu, M.A., L.T. (Madras), Professors; Mr. M. S. Doraiswamy, M.A., L.T. (Mad.), B.A.(Oxon.), Reader; Mr.Aziz Ahmad, B.A. (Osm.), B.A. (Hons.) (Oxon.), Mr. V. S. Krishnan, B.A. (Oxon.), and Mr. J. J. Sebastian, M.A. (Nagpur), M.A. (Andhra), Lecturers; Mr. Khawja Barkatullah, M.A. (Alig.), Syed Wahiduddin, B.A., Ph.D. (Marburg), Junior Lecturers.

History .. Mr. Haroon Khan Sherwani, M.A. (Oxon.), Bar-at-Law, Mr. Muhammad Jamilur Rahman. M.A. (Punjab), Mr. K. C. Roy Saksena, M.A. (Alld.), Professors; Dr. Yusuf

Husain Khan, D.Litt. (Paris), Dr. Ishwarnath Topa, Ph.D. (Freiburg), Readers; Mr. Abdul Majid Siddiqi, M.A., Mr. Syed Sirajuddin Ahmed, M.A., Lecturers.

Languages : Arabic .. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.), Professor; Maulvi Syed Ibrahim, (Kamil), Reader; Mr. Saif bin Sultan Husain al Qaiti, M.A., LL.B., Maulvi Syed Nabi, Lecturers.

French .. Mr. Qari Qutbuddin, B.A. (Osm.), L.es.L. (Egypt).

German Dr. Jafar Hasan, Ph.D. (Heidelberg).

Kanarese Mr. D. K. Bhimsen Rao, M.A. (Mysore), Lecturer. Mr. Narsingh Rao Manviker, M.A., Junior Lecturer.

Marathi Mr. R. M. Bhusari, M.A. (Calcutta), M.A. (Nagpur), Lecturer; Mr. Narayan Rao Nandapurkar, M.A. (Bom.), Junior Lecturer; Mr. C. N. Joshi, M.A. (Bom.), Part-time Lecturer.

Persian .. Dr. Md. Nizamuddin, Ph.D. (Cantab.), Professor; Maulvi Abdul Hamid Khan, Dr. Qari Kalimullah Husaini, M.A., LL.B., Ph.D. (Lond.), Readers; Mr. Latif Ahmad Faruqi, M.A., LL.B., Lecturer.

Sanskrit.. Pandit Hari Har Shastri, Reader; Pandit Vansidhar, Junior Lecturer.

Telugu .. Mr. R. Subba Rao, Reader; Mr. Lakshminarayana, M.A. (Andhra), Junior Lecturer; Mr. Sita Ramayya, M.A. (Madras), Part-time Lecturer.

Urdu .. Dr. Syed Sajjad Husain, M.A. (Alld.), Ph.D. (Lond.) (*in-Charge Prof.*); Dr. Ghulam Mohiuddin Qadiri, M.A., Ph.D. (Lond.), Reader; Mr. Abdul Qadir Sarwari, M.A., LL.B., Lecturer; Abdul Qayyum Khan Baqi, M.A. (Osm.), Junior Lecturer.

Law .. Mr. Hosain Ali Mirza, Bar-at-Law, Professor; Mr. Mir Akbar Ali

Musavi, B.A. (Hons.) (Bom.), LL.B. (Alig.), Reader; Dr. M. Hamidullah, Ph.D. (Bonn.), D.Litt. (Paris), Lecturer; Mr. Kalimuddin Ansari, B.A., LL.B.; Mr. Badruddin Khan, Bar-at-Law, and Mr. Suryanarayana Rao, Part-time Lecturers.

Mathematics .. Mr. Qazi Md. Husain, M.A. (Punjab), B.A., LL.B. (Cantab.), Mr. Kishen Chand, M.A. (Cantab.), Dr. M. Raziuddin Siddiqi, M.A. (Cantab.), Ph.D. (Leipzig), Professors; Mr. Shaikh Barkat Ali, M.A., Reader; Mr. Khwaja Mohiuddin, M.A., L.T. (Madras), Mr. Venkatachari, M.A., Lecturers.

Philosophy .. Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelberg), Professor; Dr. Mir Valiuddin, M.A. (Alig.), Ph.D. (Lond.), Reader; Mr. Motazid Waliur Rahman, M.A. (Punjab), Mr. M. Salahuddin, M.A. (Dacca), Mr. Shiv Mohan Lal, M.A. (Alig.), Mr. Khawja Abdul Quddus, M.A. (Osm.), Lecturers.

Physics .. Mr. Wahidur Rahman, B.Sc. (Cal.), Professor; Mr. Nasir Ahmad, M.A., B.Sc. (Alld.), Dr. Syed Mehdi Ali, Ph.D., Readers; Mr. Syed Ahmed Qadri, B.Sc. (Hons.) (Manch.), Mr. Syed Mohd. Yunus Wafaqani, B.A., M.Sc. (Dacca), Dr. N. Ram Lal, B.A., M.Sc. (Alig.), Ph.D. (Lond.), Mr. R. Satyanarayana, B.A., A.R.C.S., B.Sc. (Hons.) (Lond.), Dr. Haji Ghulam Mohamed, M.Sc. (Osmania), D.Sc. (Allahabad), Lecturers.

Sociology .. Dr. Jafar Hasan, Ph.D. (Heidelberg), Reader.

Theology (Faculty) .. Maulvi Manazir Ahsan Gilani, Professor; Dr. Zahiruddin Ahmad, M.A., L.T., D.Litt. (Egypt), Maulvi Abdul Bari Nadvi, Qari Qutbuddin, B.A. (Osm.), L.es. L. (Egypt), Readers; Maulvi Abdul Qadir Siddiqi, M.A.

		Maulvi Fazle Ahmed, Maulvi Syed Osman Jafari, Afzal-ul-Ulama, Maulvi Muhammad Ali, Maulvi Hosamuddin, Lecturers.
Zoology	..	Dr. B. K. Das, D.Sc. (Lond.), Professor; Mr. Mohd. Rahimullah, M.Sc. (*on deputation*), Mr. M. Qadiruddin Khan, M.Sc., D.I.C. (Lond.) (*Offg.*), Mr. Satyanarayana Singh, M.Sc. (Alig.), Lecturers.
Librarian	..	Mr. Yusufuddin Ahmad, B.A.
Junior Medical Officer		Dr. Narayan Rao, L.M.P. (Hyderabad).
Physical Instructor	..	Mr. Asad Ali, B.A.

MEDICAL COLLEGE

Dr. Brij Mohan Lal, B.A. (Mad.), M.B.B.S. (Bom.), M.Sc. (Lond.), *Principal.*

Anatomy	..	Dr. Brij Mohan Lal, B.A. (Madras), M.B.B.S. (Bom.), M.Sc. (Lond.), Professor; Dr. S. P. Sahgal, M.B.B.S. (Bom.), Reader; Dr. Syed Mukhtar Husain, B.Sc. (Alld.), M.B.B.S. (Lucknow), Lecturer.
Physiology	..	Dr. Syed Abdur Rahman, M.B., Ch.B., D.T.M. & H. (Edin.), Professor; Dr. R. N. Abhyankar, M.B.B.S. (Bom.), Dr. Syed Mahdi Hasan, Ph.D. (Giesson, Germany), Readers; Dr. Mir Mustafa Ali Zaidi, M.B.B.S., Lecturer.
Materia Medica and Pharmacology		Dr. S. W. Hardikar, M.D., M.R.C.P. (Edin.), Professor; Dr. Fazle Karim Khan, M.B.B.S. (Lko.), Reader; Mr. M. Ghaus Mohiuddin, M.Sc. (Alig.), Chemist.
Pathology and Bacteriology		Dr. M. Ali Husain, M.B.B.S. (Bom.), Ph.D. (Durham), Professor; Dr. M. Shah Nawaz, M.B.B.S. (Punjab), Reader; Mr. M. Nusrat Ali, M.B.B.S. (Lko.), Lecturer.

Medicine and Clinical Medicine	Dr. Bankat Chandra, M.B.B.S. (Bom.), M.R.C.P. (Lond.), M.R.C.S. (Eng.), Professor; Dr. M. K. Pandit, M.B.B.S. (Bom.), M.R.C.P. (Edin.), D.T.M. (Liverpool), T.D.D. (Wales), Lecturer.
Surgery and Clinical Surgery	Dr. Khursid Husain, M.B.B.S. (Bom.), M.B., Ch.B. (Edin.), Professor: Dr. M. Bahadur Khan, M.B.B.S. (Leeds), M.Sc. (Leeds), F.R.C.S. (Lond.), Dr. Munawar Ali, F.R.C.S.E., Lecturers.
Gynæcology & Midwifery	Dr. V. G. Borgaonkar, M.B.B.S. (Bom.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), L.M. (Dub.), Professor; Dr. Vajihullah Alvi, L.R.C.P., L.R.C.S. (Edin.) & D.G.O., Lecturer.
Ophthalmology ..	Dr. Syed Abdur Rahim, B.A., M.B.B.S. (Bom.), D.O. (Lond.), Professor; Dr. P. Ramachander, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.O.M.S. (Lond.), Lecturer.
Hygiene ..	Dr. M. M. Siddiq Hosain, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.), D.T.M. & H. (Lond.), D.O.M.S. (Lond.), Professor.
Medical Jurisprudence	Dr. Qasim Hosain, L.R.C.P., M.R.C.S. (England), Professor. Nine Part-time Lecturers.

ENGINEERING COLLEGE

Mr. Hasan Latif, C.E. (King's College, London), *Principal.*

Civil Engineering ..	Mr. Ziauddin Ansari, M.A. (Osm.), B.Sc. (Hons.) (Manchester), Professor; Mr. Abdus Samad Sowdagar, B.E. (Poona), A.M.I.E., M.R.San.I., Reader.
Hydraulics ..	Dr. S. P. Raju, B.A. (Madras), B.E. (Poona), A.M.I.E. (Ind.). Dr. Ing. (Munich), Professor.
Surveying ..	Mr. P. K. Ghosh, B.Sc. (Cal.), M.A. (Cantab.), F.R.G.S. (Lond.), Professor.
Drawing ..	Mr. Md. Hafizullah, B.Sc. (Alig.), B.Sc. (Eng.) (Rangoon), Reader.

Applied Mechanics ..	*Vacant.*
Geology ..	Mr. S. M. Abbas, B.Sc. (Punjab), Reader; Mr. Ahmaduddin, B.Sc. (Manchester), Lecturer.
Mechanical Engineering	Mr. M. Abdulla Hasan, B.Sc. (Alld.), Reader.
Electro-technics ..	Mr. Syed Abdul Qadir, B.Sc. (Hons.) (Manchester).

PART-TIME LECTURERS

Irrigation ..	Mr. Syed Md. Yunus, B.Sc. (Manch.).
Architecture and Town Planning	Mr. Syed Aziz Ali, A.R.I.B.S. (Lond.).
Railway Engineering..	Mr. Mahmood Alam, B.A. (Osm.), B.Sc. (Hons.), (Manch.).
Accounts and P.W.D. Procedure	Mr. Zaheeruddin Ahmad, M.A. (Alig.), H.C.S.
Sanitary Engineering	Mr. Mir Mahbub Ali, B.Sc. (Manch.).

TRAINING COLLEGE

Mr. Sajjad Mirza, M.A. (Cantab.), C.T. (Lond.), *Principal.*

Psychology, Principles of Education and Child Education	Mr. Malik Sardar Ali, B.A., B.T. (Dacca), Reader.
History of Education, Comparative Education and Method of Teaching History	Mr. Mir Ahmad Ali Khan, M.A., M.Ed., (Leeds), Bar-at-Law, Reader.
School Organization ..	Dr. D. D. Shenderker, B.A., B.T. (Dacca), T.D. (Lond.), Ph.D. (Lond.), Lecturer. Three Part-time Lecturers.

WOMEN'S COLLEGE

Dr. Amina Pope, M.A., D.Litt. (Alld.), *Principal.*

English ..	Miss Lilamani Naidu, B.A. (Oxon.), Reader; Mrs. Douglas Pulleyne, Lecturer.

Economics and History	Mrs. Gibbs, B.A. (Mysore), Reader, Miss Salamat-un-Nisa Begum, B.A., Miss Muklabai Subba Rao, B.A. (Hons.) (Madras), Junior Lecturers.
Chemistry ..	Mrs. Sundaram, B.Sc. (Lucknow), Lecturer.
Botany ..	Mahbub-un-Nisa Begum, M.Sc., Lecturer; Miss Rashida Reporter, B.Sc., Junior Lecturer.
Zoology ..	Badrun-Nisa Begum, M.Sc. (Osm.), Lecturer.
Physics ..	Miss E. Plowman, B.Sc. (Madras), Lecturer.
Arabic and Theology	Jafari Begum, Lecturer.
Persian ..	Rabab Khanum, Lecturer. Zohra Khanum, B.A., Junior Lecturer.
History ..	Ruqayya Begum, B.A. (Cantab.), Reader.
Urdu and Morals	Jahan Banu Begum, M.A. (Osm.), Junior Lecturer.
Domestic Science ..	Miss Navab Ali Khan (Diploma of St. Aqne's Training College, Harrogate), Junior Lecturer.
Physical Instructress	Najmunnisa Begum, B.P.T.C. Eight Part-time Lecturers.

CITY INTERMEDIATE COLLEGE

Mr. Syed Muhammad Azam, M.A., B.Sc. (Cantab.), *Principal.*

English ..	Mr. Abu Zafar Abdul Wahid, M.A. (Alig.), Mr. Ghulam Muhammad Ali, M.A. (Madras) (*Acting*), Lecturers.
History & Economics	Mr. Khwaja Muniruddin, M.A., Mr. Mir Mahmud Ali, M.A., Lecturers.
Mathematics ..	Mr. V. N. Patwari, M.A., Lecturer.
Physics ..	Mr. Muhammad Ahmad Osmani, M.Sc. (Alig.), Lecturer.
Chemistry ..	Mr. Ahmad bin Abdulla, B.A., Lecturer.
Urdu ..	Mr. Syed Mohammad, M.A. Four Part-time Lecturers.

Aurangabad Intermediate College

Mr. Mohamed Hafizullah, B.A., B.T., *Principal.*

English ..	Mr. Ghulam Gilani Ahmad, M.A. (Alig.), Mr. K. N. Acharya, M.A. (Mys.), Junior Lecturers.
Urdu, Morals and History of India	Mr. Ghulam Tayyab, B.A., L.T. (Dacca), Lecturer.
Persian and Arabic ..	Mr. Agha Muhammad Taqi, Lecturer.
Sanskrit and Marathi	Mr. Bhaskar Govind Shastri, Lecturer.
Economics ..	Mr. G. R. Thatte, M.A. (Alig.), Lecturer.
English History and Indian History	Mr. Muhammad Ibrahim, M.A. (Alig.), Lecturer.
Physics ..	Mr. Azizur Rahman, M.Sc. (Dacca), Lecturer.
Chemistry ..	Mr. P. N. Srikishen, M.Sc. (Alig.), Lecturer.
Mathematics ..	Mr. Muhammad Ahmad, B.A. (Madras), M.A. (Alig.), Lecturer. Three Part-time Lecturers.

Warangal Intermediate College

Mr. Ahmad Husain Khan, B.A. (Madras), *Principal.*

English ..	Mr. P. R. Sebastian, B.A. (Madras), Lecturer.
History ..	Mr. Zainulabedin, M.A., B.T. (Alig.), Lecturer.
Mathematics ..	Mr. A. V. Gopal Rao, M.A. (Madras), Lecturer.
Chemistry ..	Mr. Inayat Khan, M.Sc., Lecturer.
Physics ..	Mr. Muhammad Zakiuddin, M.Sc., Lecturer. Four Part-time Lecturers.

Gulburga Intermediate College

Mr. Syed Zulfaqar Ali Haqqani, B.A., B.T., *Principal.*

English ..	Mr. Mahkarjun Rao, M.A., Lecturer.
History ..	Mr. Saiduz Zaman, M.A. (Alig.), Lecturer.

Chemistry	..	Mr. Md. Vazir Ahmad Qureshi, M.Sc. (Alig.), Lecturer.
Physics	..	Mr. Md. Fazluddin, M.Sc., Lecturer.
Mathematics	..	Mr. Akbar Ali, M.A., Lecturer (*on study leave*), Mr. Raghavender Rao, M.A. (Osm.) (*Offg.*). Eight Part-time Lecturers.

TRANSLATION BUREAU

Curator	..	Mr. Md. Elias Burney, M.A., LL.B. (Alld.).
History and Political Science	..	Mr. Syed Muhammad Ibrahim, M.A., M.O.L., Mr. Qazi Talammuz Hussain, M.A., Translators.
Philosophy	..	Mr. Ehsan Ahmad, B.A., Translator.
Science	..	Mr. Sardar Baldev Singh, B.A.
Mathematics	..	Mr. Naziruddin, M.A., Translator.
Economics	..	Mr. Rashid Ahmad, B.A., Translator.
Medicine	..	Dr. Muhd. Osman Khan, L.M. & S.
Do.	..	Dr. Ghulam Dastagir, M.B.B.S.
Do.	..	Dr. Joseph Antony Muhd. Husain, M.B.B.S.

NIZAMIAH OBSERVATORY

Mr. T. P. Bhaskaran, M.A., F.R.A.S., *Director.*

Number of Students in the University

Arts and Science	..	..	1,789
Theology	..	..	49
Law	..	..	159
Medicine	..	..	159
Engineering	..	..	61
Education	..	..	39

Number of Successful Students in the Examinations, 1940

Matriculation	(Arts)	..	..	..	1,184
Do.	(Theology)	..	..	..	31
Intermediate	(Arts and Science)		..	..	272
Do.	(Theology)	..	..	..	10
B.A.	(Arts)	..	..	..	69

B.A.	(Theology)	3
M.A.	(Arts) Previous	11
Do.	(Arts) Final	12
B.Sc.	.. ..	39
M.Sc.	(Previous)	11
Do.	(Final)	11
LL.B.	(Previous)	71
Do.	(Final)	30
M.B.B.S.	(First Professional)	18
Do.	(Second Professional) ..	18
Do.	(Third Professional)	21
Do.	(Fourth Professional) ..	11
B.E.	(Part I Examination) ..	9
Do.	(Part II Examination) ..	11
Diploma in Education	.. .. ..	28

Scholarships and Medals

The following scholarships are awarded on the results of the University Examinations :—

ARTS AND SCIENCE FACULTIES

Intermediate Classes	One Scholarship of Rs. 20 per mensem and ten of Rs. 15 per mensem.
B.A. Classes	One Scholarship of Rs. 25 per mensem, two of Rs. 20 and twenty-two of Rs. 18 per mensem.
M.A. Classes ..	Two Scholarships of Rs. 40 per mensem and ten of Rs. 30 per mensem.
Fellowships ..	Four Fellowships of Rs. 150 per mensem each for such persons as have already secured the Doctorate for research. Six Research Scholarships of Rs. 50 per mensem each for deserving students working for the PH.D. Three Scholarships of Rs. 50 per mensem each for Research workers in Telugu, Marathi and Kanarese.
Taimuri Scholarship ..	Rs. 50 per mensem for a student belonging to the ex-Royal family of Delhi.

Faculty of Theology

Intermediate Classes	One of Rs. 20 and two of Rs. 15.
B.A. Classes ..	One of Rs. 25, one of Rs. 20 and five of Rs. 18.
M.A. Classes ..	One of Rs. 40.

In addition to the above, there are the following bursaries :—

In the Faculties of Arts and Science: 20 in the Intermediate Classes, 12 in the B.A. and B.Sc. Classes and 8 in the M.A. and M.Sc. Classes. In the Faculty of Theology: 7 in the Intermediate Classes, 3 in the B.A. Classes and one in the M.A. Class. Their value varies from Rs. 6 per mensem to Rs. 20.

There are Gold Medals for candidates standing first in the B.A. (Arts and Theology), B.Sc., M.B.B.S., B.E. and Dip. in Ed. Examinations; for girl candidates standing first in the Intermediate and B.A. Examinations and for the candidate standing first in Anatomy in the First M.B.B.S. Examination.

Faculty of Law

One Scholarship of Rs. 30 and two of Rs. 25 per mensem to the LL.B. (Final) students.

Faculty of Medicine

Rs. 9,840 per annum to be distributed at the discretion of the Principal.

Faculty of Engineering

1st year	2	Scholarships	of Rs.	30	each
,,	2	,,	,,	25	,,
2nd year	2	,,	,,	30	,,
,,	2	,,	,,	25	,,
3rd year	1	,,	,,	35	,,
,,	1	,,	,,	30	,,
4th year	One Apprenticeship of Rs. 150 p.m. and six of Rs. 50 p.m. each.				

Library, Museum, Laboratories, etc.

The University Library, which contains 21,432 English and 24,390 Oriental books, is being constantly augmented. There

is a small Library attached to the Translation Bureau, containing 4,202 books. There are Seminar Libraries attached to each department of study. The Staff of the University has also access to the Government Asifia Library which is very rich in Arabic and Persian MSS., besides containing a large and valuable collection of State archives relating to the history of Central and Southern India known as the Daftar-i-Diwani and Daftar-i-Mal in the Finance Office.

The University College has well-equipped Physics, Chemistry, Botany and Zoology Laboratories.

Nizamiah Observatory

The Observatory which was established in 1908 by a *Firman* of His Exalted Highness the late Nizam, was transferred to the control of the Osmania University in 1919. The principal equipment consists of two equatorial telescopes, an 8-inch photographic and a 15-inch visual refractor (both presented by the late Nawab Zafar Jung Bahadur) together with a small transit instrument and Chronograph and some other miscellaneous apparatus. The Observatory is one of the institutions participating in the great international undertaking of the *carte de ciel* and has completed the measuring of the photographs in the section allotted to it, *viz.*, Decl. $-170°$ to $-23°$ and is now engaged in the Catalogue of the section 36° to 39°. The 15-inch telescope, erected about ten years ago, is used for visual observations, especially, for observing systematically variable stars with faint minima. A good working library has been formed, consisting chiefly, of astronomical books and periodicals and standard publications of observatories received by way of exchange. The principal publications of the Nizamiah Observatory consist of ten volumes of the Hyderabad Astrographic Catalogue and a number of short papers in the leading Astronomical Journals. The Observatory is also equipped with two Milne Shaw Seismographs for recording earthquakes and the readings of the seismograms are forwarded to Oxford for inclusion in the International Seismological Summary. There is, in addition, a Meteorological Observatory as well as a pilot balloon station, the observations being taken in co-operation with the Meteorological Department of the Government of India.

Provision for Research

The University Library and Laboratories are well equipped and provide ample facilities for original work in many subjects such as, History, Philosophy, Persian, Arabic, Urdu, Telugu, Marathi, Kanarese, Sanskrit, Theology, Chemistry, Physics,

Botany and Zoology. A candidate has to submit a thesis for his M.A. or M.Sc. degree. The degree of PH.D. has been instituted in the Faculties of Arts, Science and Theology. Research Scholarships of the value of Rs. 50 per mensem are granted to deserving students, working for PH.D. degrees. Special Scholarships are set apart for Research in Telugu, Marathi and Kanarese. The Research Journal of the Osmania University, issued once a year, publishes the original work carried out by members of the staff and the research students.

Associations in the University

The following are the Associations attached to the University :—

1. Osmania University Association.
2. Students' Union.
3. Historical Association.
4. Scientific Association.
5. Economic Association.
6. Law Society.
7. Urdu Association.
8. Kanarese Association.
9. Telugu Association.
10. Marathi Association.
11. Arabic Association.
12. Theology Association.

Residence and Cost of Living

The University aims at providing residential accommodation for its students. There are five Hostels which provide accommodation for about 500 students. These Hostels which are lighted with electricity and are provided with modern sanitary conveniences are now entirely full. In addition to the College fees, the boarders pay an inclusive charge of Rs. 19 per mensem which covers dining hall establishment, light, water and other charges. No charge is made for rent, medical assistance or for medicines. Students of all communities live amicably together as no Hostel is reserved for a particular community. Each Hostel is managed by a Warden.

Budget

1349 FASLI—(October 1939 to October 1940)

		Rs.
1.	Registrar's Office	1,85,264
2.	University College	7,59,916
3.	Medical College	1,93,666
4.	Engineering College	2,34,366
5.	Training College	27,492
6.	College for Women	1,01,140
7.	City Intermediate College ..	61,704
8.	Aurangabad Intermediate College ..	56,160
9.	Warangal Intermediate College ..	32,306
10.	Gulbarga Intermediate College ..	38,754
11.	Translation Bureau	2,41,934
12.	University Press	1,43,217
13.	Nizamiah Observatory	40,900
	TOTAL O.S. RS. ..	21,16,819

Note.—British Rs. 100 are equal to O.S. Rs. 116-10-8.

There is no Provident Fund as all the posts are pensionable from General Revenues. All servants of the University are entitled after 25 years' continuous and approved service to full pension which is one-half of the average monthly salary for the last three years of service.

Publication and Extension Work

Nearly 425 volumes have been translated and published on subjects of study in the University.

A sum of Rs. 5,000 has been provided in the Budget for lectures by distinguished European and Indian scholars. A number of extension lectures are also delivered by members of the University Staff on scientific and literary subjects.

The Dairat-ul-Maarif

The Dairat-ul-Maarif was founded by the late Nawab Imadul Mulk Bahadur (Syed Husain Bilgrami, C.S.I.) and the late Mulla Abdul Qayyum Sahib in 1886 for the publication of rare books in Arabic. It commenced its work in 1890 with a

grant of Rs. 500 per mensem from His Exalted Highness' Government. Subsequently in 1920, an endowment of one lakh of rupees was made over to the Institution and in 1922, His Exalted Highness was graciously pleased to sanction an additional grant of Rs. 4 lakhs and this total endowment of Rs. 5 lakhs brings an annual income of Rs. 30,000.

The Institution was placed under the control of the University on the death of Nawab Imadul Mulk Bahadur on the 7th May 1926 (24th Zikadah 1344 Hijri). The Rt. Hon'ble Sir Akbar Hydari, President, Executive Council, is now the Chairman of the Executive Committee, with whom the management rests, and Nawab Mahdi Yar Jung Bahadur is the Secretary. This Committee is helped by a Literary Committee which assists it in selecting books for publication. etc.; the staff consists of a Superintendent and six Arabic Scholars who edit the Texts and correct proofs. They are helped in their work by the noted European Orientalist, Mr. Krenkew, who secures for the Institution copies of rare books in the British Museum and other European Libraries, besides correcting Texts, reading proofs, etc. The total number of Arabic books published by this Institution is 114 but some of them are in four to twelve volumes. Its publications are in great demand not only in India but in Egypt, Arabia, Afghanistan and Europe.

Women's Education

Women are admitted as private students to the Intermediate and B.A. Examinations in all subjects and to the M.A. Examinations in Arabic, Persian and Urdu only. The University maintains a Women's College which has 128 students on its rolls.

Students' Information Bureau

The University has no Students' Information Bureau, its functions devolving on the Director of Public Instruction and the Committee for European Scholarships. The Adviser for Hyderabad students in England is Mr. B. C. McEwen, B.Sc. (Lond.).

Provision for Safeguarding Health, Discipline, etc.

A fully qualified Medical Officer is in medical charge of the Hostels; he also conducts periodical medical examinations of the students. The Principals of Colleges are supreme in matters of discipline and have power to rusticate or otherwise punish the students.

Courses of Study, Examinations and Degrees

The University offers in the Faculties of Arts and Theology the Degrees of B.A., M.A. and PH.D., in the Faculty of Science the Degrees of B.SC., M.SC. and PH.D., in the Faculty of Law the Degree of LL.B., in the Faculty of Medicine the Degree of M.B.B.S., in the Faculty of Engineering the Degree of B.E., and in the Faculty of Education the Diploma in Education and the Degree of M.ED.

Special provision is made for the following classes of persons for admission to the Intermediate and B.A. Examinations of the University as private candidates :—

1. Inspecting Officers of the State Educational Department and whole-time teachers employed in Educational institutions, of three years' standing.
2. Assistants serving in a University College.
3. Women.

ADMISSION TO THE UNIVERSITY

The Intermediate stage of education is part of the course for the Degree, and only those who have passed the Matriculation Examination of the University or an equivalent recognized examination are admitted to the course.

COURSES OF STUDY AND DEGREES

ARTS

The Matriculation Examination.—The course extends over three years. Private candidates are also admitted, but they are required to pass a test examination, held at a Government High School, before appearing at the University Examination. The subjects for study and examination are as follows :—

A. COMPULSORY

1. English (two papers).
2. Urdu (two papers).
3. Elementary Mathematics (two papers) or Arithmetic (for girls only).
4. Elementary Science (one paper) or Domestic Science (for girls only).
5. Indian History and General Geography of the World (two papers).
6. Theology or Morals.

B. Optional

One of the following subjects :—

1. A Classical Language.
2. A Modern Language.
3. English History.
4. Algebra and Geometry.
5. Biology.
6. Commerce.
7. Islamic History.

C. School Subjects

1. Drawing.
2. Physical Training.
3. Manual Training.

Successful candidates who obtain 60 per cent. of the aggregate marks are placed in the First Division. For a pass in the Second Class, candidates should secure 35 per cent. in English and in any three subjects and 25 per cent. in the remaining two, and an aggregate of 35 per cent. Those who obtain 30 per cent. in English and in three of the subjects and 25 per cent. in the remaining two and an aggregate of 30 per cent. are placed in the Third Class.

If a candidate fails to pass in the examination, he may reappear at any subsequent examination or examinations in those subjects only in which he has failed to secure 30 per cent. marks. He will be declared to have passed the examination under the compartment system if he secures 30 per cent. marks in each subject, but will not be eligible for admission to the University. Such candidates will be exempted from attendance and appearing at the test examination.

Girl candidates, however, who pass under this system will be eligible for admission to the College till 1352 F. (1943).

The Intermediate Examination.—The course extends over two years after Matriculation. The subjects for study and examination are: (1) English—(three papers), (2) Muslim Theology or, for non-Hanafis and non-Muslims, Morals—(one paper), (3) Any one of the following groups of three subjects (two papers in each subject).

(1) Any two of the following languages :—Arabic, Persian, Sanskrit, Urdu, Marathi, Telugu, Kanarese and one of the following :—

English History, Indian History, Islamic History, Economics, Sociology.

(2) English History, and European History (Ancient, Medieval or Modern) or Islamic History or Indian History and one of the following :—

Arabic, Persian, Sanskrit, Urdu, Marathi, Telugu and Kanarese, Economics, Sociology.

(3) Logic, Psychology and a Language or Economics or Sociology.

*(4) (*a*) Domestic Science, (*b*) One language or Psychology, (*c*) One History or Economics.

(5) Physics, Chemistry and Biology.

(6) Physics, Chemistry and Geology.

(7) Physics, Chemistry and Mathematics.

(8) Physics, Mathematics and Geology.

(9) Chemistry, Biology and Geology.

*(10) Physics, Chemistry and Domestic Science.

*(11) Chemistry, Biology and Domestic Science.

Note :—

(1) Candidates taking group 1 will be allowed to take School of Languages at their B.A. Examination.

(2) Candidates taking group 2 will be allowed to take School of History at their B.A. Examination.

(3) Only those candidates will be allowed to take Philosophy for their B.A. Examination who have offered group 3 for their Intermediate Examination.

(4) Only those candidates will be allowed to take up History of Indian Culture at their B.A. Examination who have offered Indian History under group 2 for their Intermediate Examination.

(5) Only those candidates will be allowed to take up School of Economics for their B.A. Examination who have offered Economics for their Intermediate Examination.

In the case of subjects Physics, Chemistry, Biology, Geology and Domestic Science, there is a practical examination in addition to the written examination.

For a pass, not less than 33 per cent. must be obtained in each subject, but a candidate is declared passed if he secures not less than 30 per cent. in one subject only and 40 per cent. in the aggregate. Those who obtain 60 per cent. in the aggregate are placed in the First Class, and those who get 45 per cent. or more in the Second Class.

---

* Only girls will offer these combinations.

For the purpose of the Compartment System the examination is divided into the following two groups :—

1. English.
2. Optional Subjects.

A candidate passing in any one of these groups is exempted from appearing in that group at a subsequent examination, provided that he has secured not less than 35 per cent. of the marks in the aggregate and that in the group in which he fails he makes an aggregate of not less than 25 per cent.

Bachelor of Arts (*B.A.*)—The course of study extends over two years after the Intermediate Examination of this University or an examination accepted as equivalent thereto. The subjects for study and examination are :—(1) English—(four papers), (2) Muslim Theology or, for non-Hanafis and non-Muslims, Morals—(one paper), (3) One of the following subjects :—

"A"

Any two of the following languages :—Arabic, Persian with Elementary Arabic, Sanskrit, Latin, or Greek, and Urdu with Hindi Bhasha, Telugu, Marathi, Kanarese, Tamil, French and German—(three papers in each language).

"B"

Mathematics—6 papers.

1st Paper Algebra, Theory of Equations, Trigonometry, and Pure Geometry.

2nd ,, Analytical Geometry of two and of three dimensions and Differential Calculus.

3rd ,, Integral Calculus and Differential Equations.

4th ,, Statics and Hydrostatics.

5th ,, Graphical Statics and Dynamics.

6th ,, Astronomy and Astrophysics.

"C"

History—6 papers.

Principal.—

Paper 1. General Historical Essay.

Paper 2. Indian History :—

One of the following periods :—

(i) Ancient up to 1206.

(ii) Mediæval, 1206 to 1765.

(iii) Modern, 1765 onwards up to the present day.

Paper 3. General containing :—

A. History of the Deccan, covering the period of Indian History taken by the candidate.

B. Elements of the Cultural History of India with reference to the period of Indian History taken by the candidate.

C. Constitutional History of Modern India.

Paper 4. One of the following :—

Select period of Islamic History.

Select period of European History.

English Constitutional History.

History of Indian Culture.

Subsidiary.—

Paper 5. Political Science (Theoretical and Comparative).

Paper 6. Economics or Sociology (Theoretical and Applied).

N.B.—(1) No student will be allowed to go up for his B.A. Examination unless he has taken Economics either in his Intermediate or B.A. Examinations.

(2) Students will not be allowed to take the same subject which he took in the Intermediate; in other words, the students who took Sociology or Languages in the Intermediate shall take Economics and the students who took Economics will take Sociology.

Candidates will be expected to answer questions on Historical Geography.

"D"

Economics—6 papers.

Paper 1. Principles of Economics.

Paper 2. Currency, Banking, International Trade and Finance.

Paper 3. (*a*) Economic History of India (since the breakdown of the Moghul Empire).

(*b*) Economic History of England (since the Industrial Revolution).

Paper 4. Indian Economic Problems :—

(*a*) Agricultural Economics and Co-operation.

(*b*) Trade, Industry and Transport.

Paper 5. Political Science and Sociology :—

(*a*) Politics (comprising Political Theory) and Comparative Government.

(*b*) Sociology.

Paper 6. Essay.

"E"

Philosophy—6 papers.

General Philosophy :—

1st Paper .. Nature, Schools and Problems of Philosophy.

2nd Paper .. A brief sketch of the History of Philosophy together with a special study of an original work of any of the following Philosophers :—Descartes, Berkeley or David Hume.

Oriental Philosophy :—

3rd Paper .. Hindu Philosophy.

4th Paper .. Outlines of Islamic Philosophy, Kalam and Sufism.

Psychology :—

5th Paper .. Elements of Psychology with Allied Physiology.

Ethics :—

6th Paper .. A brief study of Theoretical and Practical Ethics.

For a pass, 33 per cent. of marks are required in each subject.

Successful candidates who obtain 60 per cent. or more are placed in the First Division and those obtaining 45 per cent. or more in the Second Division. Candidates securing an aggregate of 40 per cent. but failing either in English or in the selected subject, provided the marks gained by them do not fall short of 25 per cent., will be allowed to appear only in the subject in which they fail.

Master of Arts (*M.A.*).—The course extends over two years subsequent to graduation and is open to graduates of this or of a recognised University. A candidate may offer one of the following subjects :—

(A) *English.*—There shall be 8 papers of 100 marks each and *viva voce.*

I. Part (1) The development of the English Language from early to modern times; Part (2) Chaucer.

II. Shakespeare and the Elizabethan Drama.

III. Spenser to Milton.

IV. Dryden to Johnson.

V. The Age of Wordsworth.

VI. Victorian Literature.

VII. Contemporary Literature.

VIII. Easay on a literary subject.

(B) *Arabic.*—

Previous Examination :—4 papers	..	400 marks
1st Paper Poetry	.. .. ..	100 ,,
2nd ,, Prose	.. .. ..	100 ,,
3rd ,, Translation from Urdu into Arabic and Composition	..	100 ,,
Final Examination :—2 Papers and a Thesis		400 marks
1st Paper History of Arabic Literature from Jahiliyat to present day		100 ,,
2nd Paper		
(A) Hebrew, French or German Grammar and translation into Urdu of easy Hebrew, French or German passages	.. ..	50 ,,
(B) Prose and Poetry (Modern)	..	50 ,,
Thesis and *viva voce*	.. ..	200 ,,

(C) *Sanskrit.*—There shall be 8 papers of 100 marks each :—

1st Paper Vedas.

2nd ,, Poetry, Prose and Drama.

3rd ,, Grammar and Prosody.

4th ,, Poetics.

5th ,, Comparative Philology with special reference to Sanskrit.

6th ,, History of Sanskrit Literature.

7th ,, Translation from Urdu into Sanskrit and *vice versa.*

8th ,, Essay in English or in Urdu on the subjects prescribed for the course.

(D) *Persian.*—There will be two examinations, Previous and Final. In the Previous there will be four papers as follows :—

1st Paper Poetry (Classical).

2nd ,, Prose (,,).

3rd ,, Essay in Persian on modern topics.

4th ,, Persian Rhetoric and Prosody and Translation from Arabic into Urdu.

In the Final Examination there will be two papers as follows ; and the candidates will also be required to submit a thesis :—

1st Paper Literary History of Persia from the earliest times to the Mongols.

2nd ,, Literary History of Persia from the Mongols to the present day.

(E) *Urdu.*—There will be two examinations, Previous and Final. In the Previous Examination there will be four papers as follows :—

1st Paper Old Urdu.

2nd ,, Poetry.

3rd ,, Prose.

4th ,, Essay.

In the Final Examinations there will be two papers as follows : 1st Paper—History of the Urdu Language and Literature and Philology ; 2nd Paper—Hindi Bhasha. Candidates will also be required to submit a thesis or to edit a book.

(F) *Marathi.*—There shall be 8 papers of 100 marks each :—

1st Paper Ancient Poetry.

2nd ,, Medieval and Modern Poetry.

3rd ,, Prose (Ancient and Modern).

4th ,, Philology and History of Language.

5th ,, History of Literature, Rhetoric and Prosody.

6th ,, Essay.

7th ,, Sanskrit Poetry and Drama.

8th ,, Sanskrit Prose and Prakrita.

(G) *Telugu.*—There shall be 8 papers of 100 marks each :—

1st Paper History of the Language, Grammar and Philology.

2nd ,, History of Literature, Criticism, Prosody and Rhetoric.

3rd Paper History of Telugu People.
4th ,, Poetry Classical.
5th ,, Poetry, Modern and Drama.
6th ,, Prose.
7th ,, Essay.
8th ,, Special Author or Period.

(H) *Kannada.*—There shall be 8 papers of 100 marks each:—

1st Paper Jaina Literature.
2nd ,, Veerasaiva Literature.
3rd ,, Brahmana Literature.
4th ,, Descriptive Grammar and the History of Kannada Language.
5th ,, Poetics and Prosody with special reference to Kannada metre.
6th ,, Criticism and History of Kannada Literature.
7th ,, History of Kannada Epigraphy and Kannada Inscriptions.
8th ,, Essay.

(I) *Mathematics* (Nine papers) :—

1st Paper Algebra, Theory of Equations.
Plane Trigonometry.
Differential Equations.
2nd ,, Pure Geometry.
Analytical Geometry (Pure and Solid).
Differential Geometry of Curves and Surfaces.
3rd ,, Calculus (Differential and Integral).
Theory of Functions of a real variable.
4th ,, Theory of Functions of a complex variable.
Elliptic Functions excluding-θ Functions.
Fourier Series.
5th ,, Attractions.
Electricity and Magnetism.
6th ,, Analytical Statics of two and three dimensions.
Dynamics of a particle.
Rigid Dynamics in two dimensions only.
7th ,, Hydrostatics including Capillarity.
Hydrostatics excluding Vortex Motion and Sound.

8th Paper Spherical Trigonometry.
Spherical Astronomy, Optics.

9th ,, Problem and Essay paper consisting of two sections. In the first section at least two problems to be solved and in the other section not more than two essays to be written.

(J) *History.*—

Previous Examination—

Paper I Early Political Institutions up to 1500 or Later Political Institutions from 1500 to the present day (100 Marks).

Paper II Early Political Theories, upto 1500 or later Political Theories from 1500 to the present day (100 Marks).

Paper III } Intensive study of two of the following :—
Paper IV } (100 Marks each).

(i) A period of Indian History.

(ii) A period of Islamic History.

(iii) A period of Modern European History.

(iv) A period of English Constitutional History.

Final Examination—

Paper I General Historical Essay (100 Marks).

Paper II (*a*) Special Subject in Comparative Politics.

(*b*) Special subject in Political Theories (25 marks each).

Thesis (200 Marks).

Viva voce in the subjects taken in Parts I and II (50 Marks).

Viva voce in the Language offered (50 Marks).

N.B.—No candidate will be deemed to have passed the Final M.A. Examination in History who does not obtain at least 30 per cent. of the aggregate number of marks in Paper II of that Examination.

(K) *Philosophy.*—

Previous Examination—

(*a*) *Compulsory.*

1. One paper on Oriental Philosophy, either Indian or Islamic.

2. One special Philosopher from among the Western Thinkers.
3. Metaphysics with special reference to contemporary thought.
4. Essay.

(*b*) *Optional.*

Any two of the following :—

1. Logic and Epistemology.
2. Aesthetics.
3. Philosophy of Religion.
4. Ethics and Political Philosophy.
5. Psychology.

Final Examination—

1. A thesis of not less than 10,000 words on any subject of Philosophy previously approved by the Board of Studies.
2. Two papers on subjects allied to the subject of the Thesis.
3. *Viva voce.*

(L) *Economics.*—

Previous Examination :	Four papers ..	400	marks
1st Paper	Advanced Principles of Economics	100	,,
2nd ,,	History of Economic Thought	100	,,
3rd ,,	Any one of the following :	100	,,
	(*a*) Sociology		
	(*b*) Politics		
	(*c*) Economic History of U.S.A., Germany and Japan from XIX century		
4th ,,	Currency, Banking and International Trade	100	,,
Final Examination :—	.. ..	500	marks
1st Paper	Advanced Indian Economic Problems	100	,,
2nd ,,	Essay	100	,,
	Thesis	200	,,
	Viva voce	100	,,

A candidate must obtain 40 per cent. of the marks in the aggregate for a pass. No minimum marks are required in each paper but if, in any paper, a candidate obtains less than 20 per cent. those marks are not included in his aggregate. A First Class is obtained by scoring 65 per cent. and a Second Class by scoring 50 per cent. of the aggregate marks.

Doctor of Philosophy in Arts (*Ph.D. in Arts*).—The course extends over three years and is opened to the candidates who have passed the M.A. Examination of this or any other recognised University in 1st or 2nd class. The candidates are required to submit a thesis based on original research and to undergo a *viva voce* and written examination, if necessary.

SCIENCE

Bachelor of Science (*B.Sc.*).—The course of study extends over two years after the Intermediate Examination of this University or an examination accepted as equivalent thereto. The subjects for examination are as follows :—

(1) English (two papers).

(2) One of the following groups :—

(*a*) Physics as main with Mathematics and Chemistry as subsidiary.

(*b*) Chemistry as main with Physics and Mathematics or Botany and Zoology or Physics and Geology as subsidiary.

(*c*) Mathematics as main with Physics and Chemistry as subsidiary.

(*d*) Botany as main with Zoology and Chemistry or Geology and Chemistry as subsidiary.

(*e*) Zoology as main with Botany and Chemistry or Botany and Geology as subsidiary.

Only girl candidates can take up Domestic Science as Subsidiary subject with Physics, Chemistry, Botany and Zoology as Main.

Physics, taken as main subject :—

Theory Paper I	General Physics, Properties of Matter and Sound	90
,, II	Heat and Light	90
,, III	Electricity and Magnetism ..	90
Practical Paper I	Properties of Matter, Heat and Sound	65
,, II	Light, Magnetism and Electricity ..	65

Physics, taken as subsidiary subject :—

Theory Paper I—General Physics, Properties of Matter, Heat and Sound	75
,, II—Light, Magnetism and Electricity ..	75
Practical	50

Chemistry, taken as main subject :—

Theory Paper I—Inorganic	90
,, II—Organic	90
,, III—Physical Chemistry	90
Practical Paper I—Qualitative and Gravimetric Analysis	60
,, II—Volumetric Analysis and Organic Preparation	50
,, III—For the record of work in Technical Laboratories	20

Chemistry, taken as subsidiary subject :—

Theory Paper I—Inorganic and Physical Chemistry ..	70
,, II—Organic and Physical Chemistry ..	70
Practical	60

Mathematics, taken as main subject :—

Paper I—Algebra, Theory of Equations and Trigono—metry	80
,, II—Differential Calculus and Analytical Geometry of two and three dimensions	80
,, III—Integral Calculus and Differential Equations ..	80
,, IV—Statics and Hydrostatics	80
,, V—Dynamics and Astronomy	80

Mathematics, taken as subsidiary subject :—

Paper I—Algebra, Trigonometry and Analytical Geometry	70
,, II—Calculus and Differential Equations ..	70
,, III—Statics, Dynamics and Hydrostatics ..	60

Botany, taken as main subject :—

Theory Paper I	—Thallophyta, Bryophyta and Pteridophyta	90
,,	II—Histology and Systematic Botany (Gymnosperms and Angiosperms) ..	90
,,	III—General Biology, Physiology and Ecology	90
Practical Paper I	—External and Internal Morphology ..	65
,,	II—Classification and Physiology ..	65

Botany, taken as subsidiary subject—

Theory Paper I	—Thallophyta, Bryophyta and Pteridophyta and Gymnosperms ..	70
,,	II—Angiosperms, Physiology and Evolution	70
Practical	.. ..	60

Zoology, taken as main subject :—

Theory Paper I	—Evolution, Cytology and Histology ..	90
,,	II—Invertebrates	90
,,	III—Vertebrates	90
Practical Paper I	—Dissection, Identification and permanent mounting of non-Chordata ..	65
,,	II—(*a*) Dissection and Identification of Chordata	65
,,	II—(*b*) Simple Section-cutting technique	65

Zoology, taken as subsidiary subject :—

Theory Paper I	—Non-Chordata, Cytology and Histology	70
,,	II—Chordata and General Principles of Evolution	70
Practical	.. ..	60

Geology, taken as subsidiary subject :—

Theory Paper I	—(*a*) Physical Geology (*b*) Crystallography (*c*) Mineralogy (*d*) Petrology	60
Theory Paper II	—(*a*) Stratigraphy (*b*) Indian Geology (*c*) Geology of Hyderabad State (*d*) Economic Geology	60
Practical	Sections (*a* and *b*)	

Section (a)—

(i) Identification and description of—

(*a*) Crystal Models

(*b*) Rock types (Handles and Megascopic examination)

(*c*) Fossils and their horizons

(*d*) Minerals, by their physical characters

(ii) Blow pipe and simple qualitative tests to identify ore minerals

Section (b)—

(i) Map Drawing and Structural Geology

(ii) Identification and description of mineral and rock sections including important optical characters, and micro-structures 80

Domestic Science, taken as subsidiary :—	Marks
Paper I—Biochemistry, etc.	70
Paper II—Psychology, etc.	70
Practical (one paper)	60

(3) Theology or Morals.

The pass percentage is the same as in the B.A. Examination.

Master of Science (M.Sc.).—The course extends over two years and is open to graduates in Science. A candidate may offer one of the following subjects, provided he has studied it as his main subject for B.Sc. Examination. There will be two examinations, the Previous and the Final.

1. *Chemistry.*

In the Previous M.Sc. Examination in Chemistry there will be six papers on the following :—

(1) Inorganic Chemistry.
(2) Organic Chemistry.
(3) Physical Chemistry.
(4) Inorganic Practical.
(5) Organic Practical.
(6) Physico-Chemical Practical.

In the Final M.Sc. Examination in Chemistry there will be one paper on a selected subject, *viz.*, Physical, Inorganic or Organic Chemistry besides a thesis based on original research.

2. *Physics.*

In the Previous M.Sc. Examination in Physics there will be the following papers :—

(1) General Physics and Sound.
(2) Optics (Geometrical and Physical).
(3) Heat including Thermodynamics.
(4) Practical Examination in Heat, Sound and Properties of Matter.
(5) Practical Examination in Optics.

In the Final M.Sc. Examination in Physics there will be the following papers :—

			Marks
1st	Paper	Classical Electricity and Magnetism ..	100
2nd	,,	Modern Electricity	100
3rd	,,	Special subjects :— Any one of the following : .. .. (*a*) Spectroscopy (including Quantum Theory). (*b*) X-Rays. (*c*) Wireless Telegraphy and Telephony. (*d*) Photo-Electricity and Television.	100
4th	,,	Practical Examination in Electricity ..	100
5th	,,	Report on practical work intensively carried out by the candidate with a view to verify and supplement the available data on some special problem of Physics	100
		TOTAL	500

3. *Zoology.*

In the Previous Examination in Zoology there will be the following papers and practical examinations :—

(1) Non-Chordata : *Protozoa—Sipunculoidea.*
(2) Non-Chordata : *Polyzoa—Mollusca.*
(3) Essays on some subjects of Non-Chordata.
(4) Practical : *Protozoa—Sipunculoidea.*
(5) Practical : *Polyzoa—Mollusca.*

In the Final Examination in Zoology there will be the following papers and practical examinations :—

(1) Chordata : *Hemichordata—Amphibia.*
(2) Chordata : *Reptilia, Aves* and *Mammalia.*
(3) General principles of Biology, Cytology and Histology.
(4) Practical : *Hemichordata—Amphibia.*
(5) Practical : *Reptilia—Mammalia.*

Or

Thesis Group—

(1) Special subject-matter of the thesis.
(2) Thesis including *viva voce.*
(3) General principles of Biology, Histology and Cytology.
(4) Practical examinations on subject-matter of the thesis.

Or

Special Group—

(1) Fauna of Hyderabad State with reference to Special group.
(2) General paper on Special group.
(3) General Biology, Cytology and Histology.
(4) Two practicals on the Special group.

4. *Botany.*

In the Previous Examination in Botany there will be the following papers :—

Paper I Thallophyta.
,, II Bryophyta and Pteridophyta.
,, III Gymnosperms and General Histology.

In the Final Examination in Botany there will be the following papers :—

Paper I General Biology.
,, II Angiosperms.
,, III Physiology and Ecology.

Or

Paper I General Biology.
,, II Special Group.
,, III A Thesis based on the special subject.

The pass percentage is the same as in the M.A. Examination, but candidates have to pass separately in the Practical

and Theoretical portions and to secure at least 25 per cent. in each paper, otherwise they are deemed to have failed.

Doctor of Philosophy in Science (*Ph.D. in Science*).—The course extends over three years and is opened to the candidates who have passed the M.Sc. Examination of this or any other recognised University in 1st or 2nd class. The candidates are required to submit a thesis based on original research and to undergo a *viva voce* and written examination if necessary.

THEOLOGY

The Matriculation Examination.—The course extends over three years as in the Arts Faculty. Private candidates are also admitted on the same conditions as in the Arts Faculty. The subjects for study and examination are :—

(1) English—(two papers), (2) History and Geography—(two papers), (3) Elementary Mathematics—(two papers), (4) Science—(one paper), (5) Arabic—(two papers), (6) Aqaid (Dogmatics)—(one paper), (7) Fiqah (Muslim Law) and Hadis (Traditions)—(one paper).

The rules for passing the examination are the same as for the Faculty of Arts.

The Intermediate Examination.—The subjects for study and examination are : (1) English—(three papers as in the Arts Faculty), (2) Arabic—(two papers as in the Arts Faculty), (3) Fiqah-wa-Usul-i-Fiqah (Muslim Law)—(2 papers), (4) Tafsir, Hadis-wa-Usul-i-Hadis (Qoranic Exegesis and Traditions)—(two papers), (5) Aqaid, including Mabadi-i-Hikmat (Dogmatics and Elements of Philosophy)—(one paper).

The marks for a pass and classification of successful candidates are the same as for the Intermediate Examination in Arts.

For the purpose of the Compartment System, the examination is divided into three groups :—

1. English.
2. Arabic.
3. Theological Subjects.
   (Fiqah-wa-Usul-i-Fiqah, Tafsir, Hadis-wa-Usul-i-Hadis and Aqaid.)

A candidate who fails in any one of these groups and passes in the other two, shall be allowed to appear at a subsequent examination only in the group in which he failed, provided that the marks obtained by him in that group in the

previous examination do not fall short of 25 per cent. and at least 35 per cent. in the aggregate. For passing in group (3) under this system he shall obtain 33 per cent. in each of the subjects of this group.

Bachelor of Arts (*B.A.*).—The course of study extends over two years subsequent to passing the Intermediate Examination. The subjects for study and examination are: (1) English—(four papers as in the Faculty of Arts), (2) Arabic—(three papers as in the Faculty of Arts), (3) Fiqah and Usul-i-Fiqah (Muslim Law)—(two papers), (4) Any one of the following :—

(*a*) Tafsir (Qoranic Exegesis).

(*b*) Hadis-wa-Usul-i-Hadis (Traditions).

(*c*) Kalam and Usul-i-Din (Dialectics) (two papers in each).

To obtain a pass, 33 per cent. of the marks are required in each subject and classes are arranged on the same basis as at the B.A. Examination in the Arts Faculty.

Master of Arts (*M.A.*).—The course of study extends over two years subsequent to graduation, the examination being held at the end of each year. The subjects for study and examination are:

One of the following :—(1) Fiqah-wa-Usul-i-Fiqah (Muslim Law), (2) Kalam-wa-Aqaid (Dialectics), (3) Tafsir (Qoranic Exegesis), and (4) Hadis, including Sirat (Traditions).

There are four papers in each subject for the previous examination. For the Final Examination there are two papers and students are required to submit a thesis based on research and to undergo a *viva voce* Examination.

The marks for a pass and classification of successful candidates are the same as for the M.A. Examination in Arts.

Doctor of Philosophy in Theology (*Ph.D. in Theology*).—The course extends over three years and is opened to the candidates who have passed the M.A. Examination of this or any other recognised University in 1st or 2nd class. The candidates are required to submit a thesis based on original research and to undergo a *viva voce* and written examination if necessary.

Professional Courses of Study and Examinations

Law

Bachelor of Laws (*LL.B.*).—The course of study extends over two years subsequent to graduation. During the first

year, a candidate is required to study the following subjects and will be examined in them at the end of the year :—

1. Criminal Law and Procedure.
2. Torts and Easements.
3. Evidence.
4. Contracts.
5. Roman Law.
6. Constitutional Law.

There are six papers set at the examination, one for each of the above-mentioned subjects.

After passing the above examination, a candidate for the Degree is required to study during the second year the following subjects and be examined therein :—

1. Hindu Law.
2. Muhammadan Law (including Usul-i-Fiqah).
3. Civil Procedure and Law relating to Civil Courts in His Exalted Highness the Nizam's Dominions; Limitation (excluding schedules).
4. Trusts and Specific Relief.
5. Jurisprudence and International Law.
6. Transfer of Property, Land Tenures including *Atiyyat* (grants of land).

There are six papers set at the examination, one for each subject.

To pass the examination the candidates must obtain 40 per cent. of the full marks in each paper. Those of the successful candidates who obtain not less than 60 per cent. of the total marks will be placed in the first division and those who obtain not less than 45 per cent. of the total marks will be placed in the second division.

The result of the Prvious Examination will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examination will be added to the marks gained by them at the Final Examination and the ranks secured by them will be determined accordingly.

MEDICINE

The Degree of M.B.B.S.—The course of study extends over five years. Students who have passed the Intermediate Examination with Physics, Chemistry (Organic and Inorganic), Botany and Zoology are eligible for admission to the course.

They are required to pass three examinations called the First, Second and Final M.B.B.S. Examinations respectively, and to pass each examination 50 per cent. of marks are to be obtained separately in the written and oral tests in each subject. Successful candidates obtaining not less than 75% of the aggregate number of marks are placed in the First Division and the rest in the second.

Each of the first two M.B.B.S. examinations shall consist of two subjects and candidates shall be required to pass in both at the same time; whereas the Final or Third M.B.B.S. Examination shall consist of two groups of two subjects each, and candidates shall be required to pass at least in both subjects of any one group at the same time.

First M.B.B.S. Examination

The First M.B.B.S. Examination shall be held in the following subjects after a course of study extending over two academic years :—

(*a*) Human Anatomy and Embryology.

(*b*) Physiology including Bio-Chemistry.

Second M.B.B.S. Examination

The Second M.B.B.S. Examination shall be held in the following subjects after a course of study extending over one academic year after the passing of the First M.B.B.S. Examination :—

(*a*) Materia Medica and Pharmacology.

(*b*) Hygiene.

(*c*) Forensic Medicine.

Final M.B.B.S. Examination

The Final M.B.B.S. Examination shall be held in the following subjects after a course of study extending over two years after passing the Second M.B.B.S. Examination :—

Group I.—

(*a*) Medicine and Clinical Medicine including Therapeutics and special subjects.

(*b*) Pathology and Bacteriology.

Group II.—

(*a*) Surgery and Clinical Surgery.

(*b*) Ophthalmology, and Oto-rhino-laryngology.

(*c*) Obstetrics, Gynæcology and Diseases of Infancy.

ENGINEERING

B.E. Examination.—The course extends over four years of which three years shall be spent in the College and the fourth chiefly in works. There will be two Examinations, the Part I Examination will be held at the end of the second year and the Part II or the Final Examination after the completion of the three years' College Course. Civil Engineer students shall be attached for one year to P.W. Divisions and Mechanical Engineer students shall spend the final year in a recognized Engineering Workshop.

Candidates seeking admission to the College for the B.E. Degree will be required :—

(*a*) to be not under 17 or above 21 years of age ;

(*b*) to produce a health certificate as to fitness for outdoor work ;

(*c*) to have passed the Intermediate Examination of a recognized University with Mathematics, Physics and Chemistry as Optional subjects ;

(*d*) to produce a testimonial of good character and to possess a satisfactory knowledge of the Urdu Language.

The subjects for the Examinations will be as follows :—

B.E. Part I Examination

Group I.—		
(1) Heat Engines	100	200
(2) Theory of Machines	100	
Group II.—		
(1) Strength of Materials	100	400
(2) Theory Structures	100	
(3) Hydraulics	100	
(4) Practical Examinations in Testing of Materials and Mechanical Engineering Laboratories	100	
Group III.—		
(1) Survey (Theory)	100	300
(2) Survey (Practical)	50	
(3) Engineering Design and Geometrical Drawing (4 hours' paper)	150	
Group IV.—		
(1) Pure Mathematics	150	300
(2) Applied Mathematics	150	
TOTAL MARKS ..		1,200

B.E. Part II Examinations

CIVIL

Group I.—		
(1) Civil Engineer and R. C. Design (4 hours' paper)	150	550
(2) Roads and Railway Engineering ..	150	
(3) Irrigation	100	
(4) Water-supply and Sanitary Engineering	150	
Group II.—		
(1) Elasticity of Materials	100	450
(2) Theory of Structures	100	
(3) Hydraulics	100	
(4) Practical Examinations in Testing of Materials and Hydraulic Laboratories	150	
Group III.—		
(1) Geodesy (Theory)	100	400
(2) Geodesy (Practical)	100	
(3) *Viva voce* and Drawing work done in 2nd and 3rd Year Classes (50 marks for *viva voce* and 150 marks for Drawing work)	200	
TOTAL MARKS ..		1,400

MECHANICAL

Group I.—		
(1) Theory of Machines	100	550
(2) Organisation of Industries and Works Management	100	
(3) Higher Theory of Thermodynamics ..	100	
(4) Metallurgy and Fuel ..	100	
(5) Aeronautics and Aero-Engines ..	150	
Group II.—		
(1) Elasticity of Materials ..	100	500
(2) Electro-Technics	150	
(3) Hydraulics, Hydraulic Machinery ..	100	
(4) Practical Examinations in Hydraulic, Mechanical Engineering Laboratories	150	
Group III.—		
(1) Machine and Machine Tool Design (4 hours' paper)	150	350
(2) *Viva voce* and Drawing work done in the 2nd and 3rd Year Classes (50 marks for *viva voce* and 150 marks for Drawing work)	200	
TOTAL MARKS ..		1,400

The pass percentage for the B.E. Examination shall be as follows :—

1st Class 70% in the aggregate 2nd Class 50% in the aggregate	30% in each paper and 40% in group.

Candidates who fail in one subject only but pass in the aggregate will be promoted to the next higher class, and will be declared to have passed the Examination if they pass in that subject only at a subsequent examination.

EDUCATION

Diploma in Education.—The course for the Diploma in Education shall extend over one year and will be open to graduates in Arts or Science of the Osmania University or of a recognized University. Besides the written examination, there will be a practical examination in the teaching of the subjects selected. Every candidate shall give two lessons in the presence of a Board of two Examiners.

Candidates shall be examined in—

		Marks
I.	Principles of Education and Psychology ..	100
	(*a*) Principles of Education (*b*) Elementary Educational Psychology	
II.	School Management and Hygiene	100
III.	History of Educational Ideas and Select Classics in Education	100
IV.	Methods of teaching any two of the following subjects :—	100
	Physical or Biological Sciences, History, Geography, Mathematics, English, Urdu, Marathi, Kanarese, Telugu, and Indian Classical Languages.	
V.	(*a*) Modern Educational Systems and Problems .. (*b*) Educational Psychology .. .. .. (*c*) Child Education	100

In Paper V, 25 marks shall be assigned to the College record ; 200 marks shall be assigned to Practical Examinations, and out of these 100 marks shall be assigned to the College record.

Instruction will also be imparted in the following additional subjects, but no examination will be held therein :—

(*a*) Blackboard Illustration.
(*b*) Manual Training and Handwork, or Nature Study and Gardening.
(*c*) Physical Training.

All papers shall be of 3 hours' duration each.

Candidates who obtain not less than 30 per cent. of the marks in Papers I to V and 33 per cent. in the aggregate of the written examination, and 35 per cent. in the practical examination shall be declared to be eligible to receive the Diploma in Education. All other candidates shall be deemed to have failed. Of the successful candidates those who obtain not less than 60 per cent. of the total marks shall be placed in the First Division, and those who obtain not less than 45 per cent. of the total marks shall be placed in the Second Division. The remaining successful candidates shall be considered to have passed in the Third Division. Successful candidates who obtain not less than 65 per cent. of the marks in the paper relating to Methods of Teaching (IV) shall be declared to have obtained distinction in that subject. In practical examination candidates who obtain 50 per cent. of the marks shall be placed in the Second Division and those who secure 65 per cent. shall be placed in the First Division.

M.Ed.—The course extends over one year and is open to B.T.'s and DIP-IN-ED.'s of this or any other recognised University. The examination shall consist of two parts:—

Part I.—A written examination consisting of the following papers of 100 marks each:—

1st Paper Theory of Education.

2nd ,, Methodology of one subject.

3rd ,, Special Subject.

(*a*) Educational Psychology with tests and measurements.

(*b*) History of Educational Ideas.

(*c*) Early Education of Children (200 marks).

Part II.—The dissertation.

Candidates who obtain not less than 35 per cent. marks in each of the papers, and 37 per cent. marks in the dissertation and 37 per cent. in the aggregate shall be declared to be eligible to receive the degree of Master of Education. Successful candidates who obtain 60 per cent. of the aggregate marks shall be placed in the first class, those obtaining 50 per cent. more in the second class and the rest in the third class.

Examination Fees

	Rs.
Matriculation Examination (Arts and Theology):—	
(*a*) Students of recognized High Schools	12
(*b*) Private Students	16
(*c*) Those who have passed the Maulvi or Munshi Examination of His Exalted Highness the Nizam's Government appearing in English only	5
Intermediate Examination (Arts and Theology) ..	24
Intermediate (Science)	26
B.A. Degree Examination (Arts and Theology) ..	32
B.Sc. Degree (Science)	36
M.A. (Previous and Final) Examinations	30
M.Sc. (Previous and Final) Examinations	35
Ph.D. Examination	100

Faculty of Law

LL.B. (Previous)	30
LL.B. (Final)	30

Faculty of Medicine

M.B.B.S.—	
First two M.B.B.S. Examinations .. each	30
Third M.B.B.S. Examination	50
Appearing in Group only	30

Faculty of Engineering

B.E.—	
Part I Examination	30
Part II Final Examination	40

Faculty of Education

Diploma in Education	40
M.Ed. Examination	50

1300-40—Printed at The Bangalore Press, Bangalore City, by G Srinivasa Rao, Superintendent.